

**ABSTRACT OF THE DISCLOSURE**

Described are a filter characteristic measuring method and system capable of measuring a gain of an analog filter adapted in a DUT (Device Under Test) and a frequency response at a high speed, wherein the filter characteristic measuring method includes the steps of generating an impulse signal; applying the impulse signal to the DUT having an analog filter through a digital channel; and measuring a gain of the analog filter in the DUT and a frequency characteristic by using an output of the analog filter.

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